

FIG.1

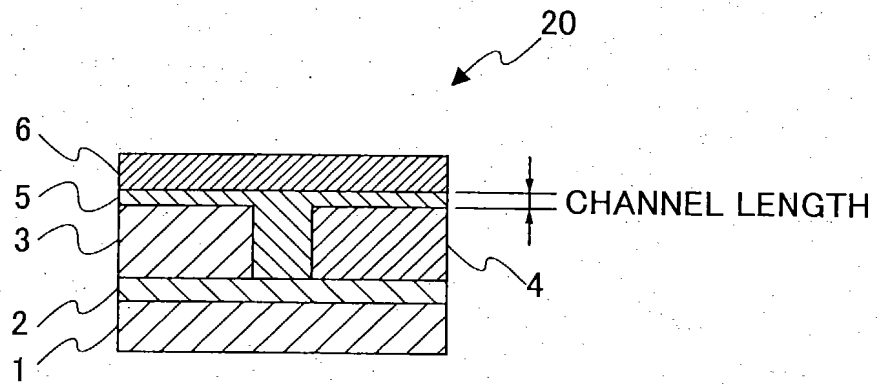


FIG.2A

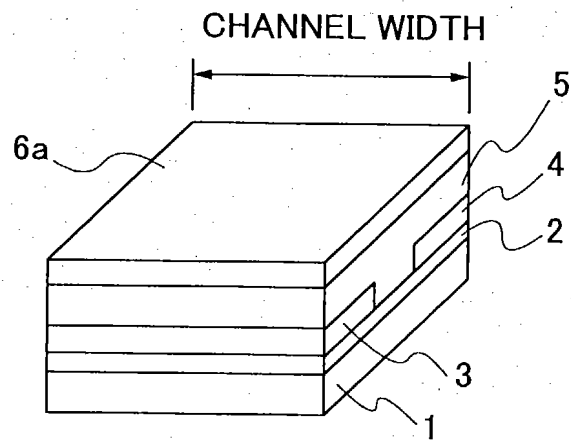


FIG.2B

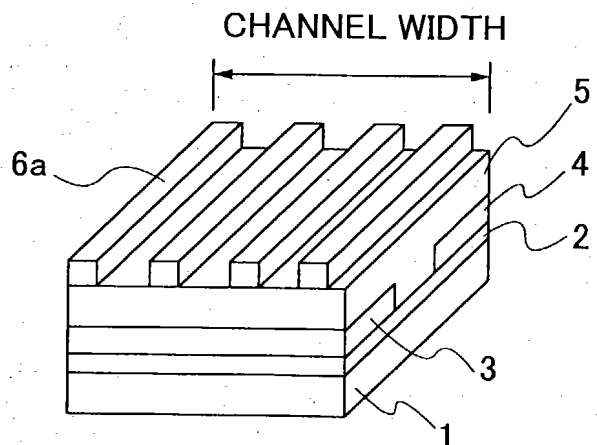


FIG.3

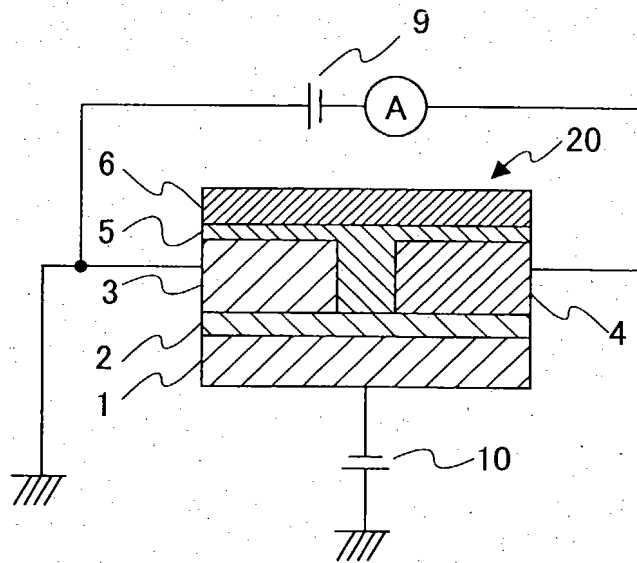


FIG.4

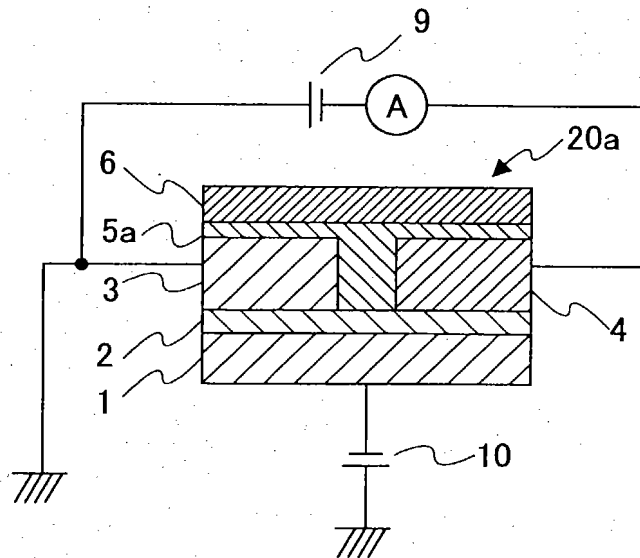


FIG.5

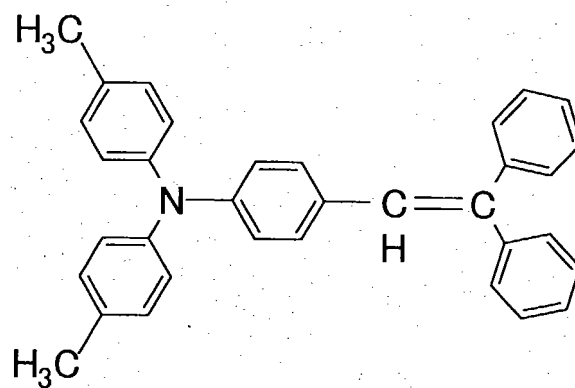


FIG.6

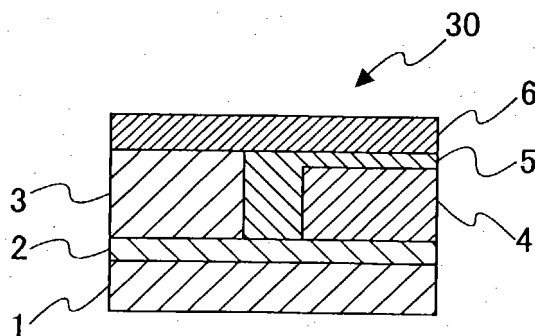


FIG.7

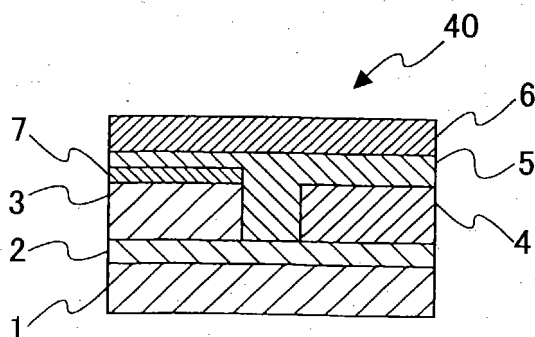


FIG.8

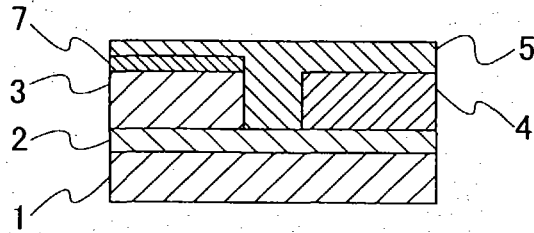


FIG.9

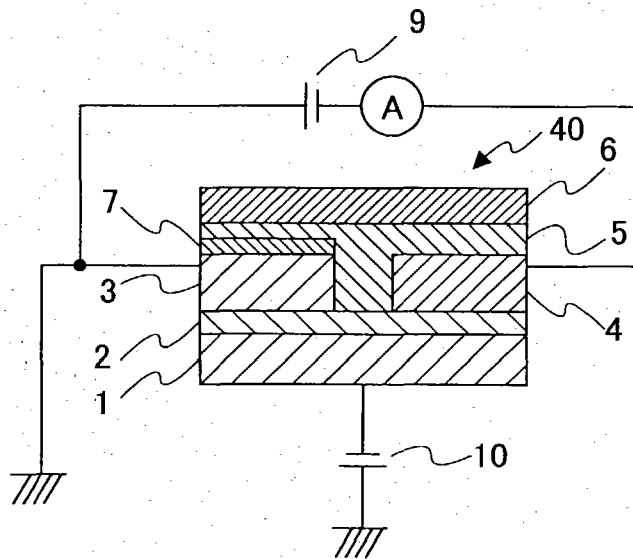


FIG.10

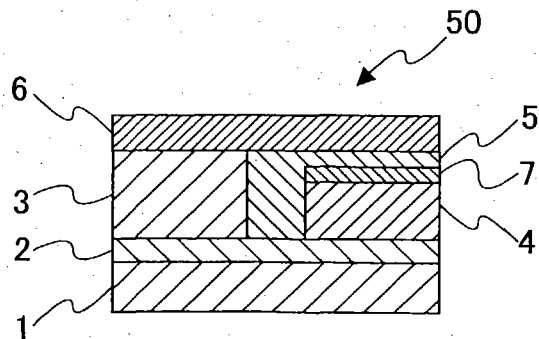


FIG.11A

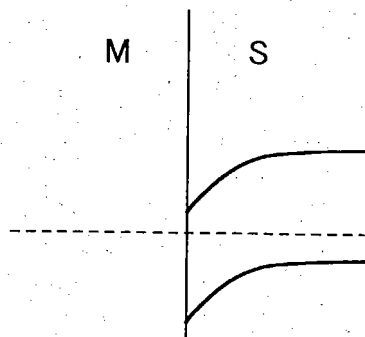


FIG.11B

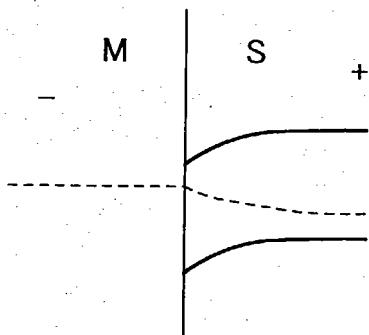


FIG.11C

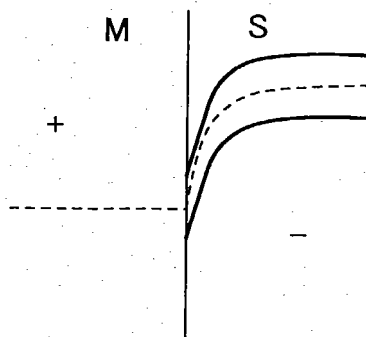


FIG.12

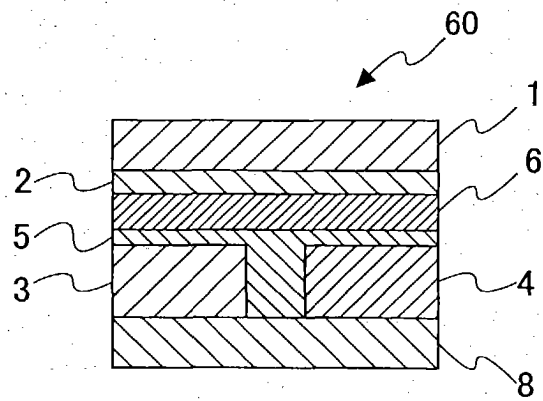


FIG.13

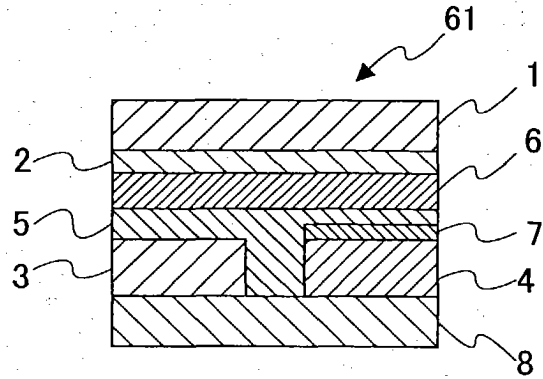


FIG.14

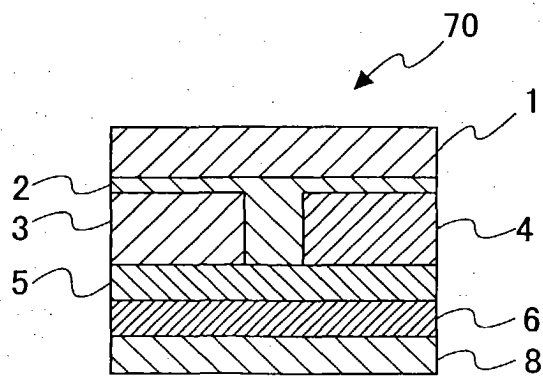


FIG.15

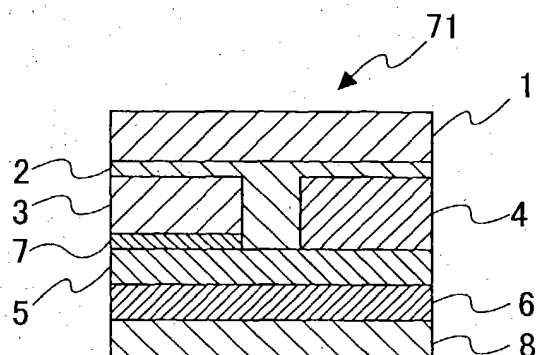


FIG.16

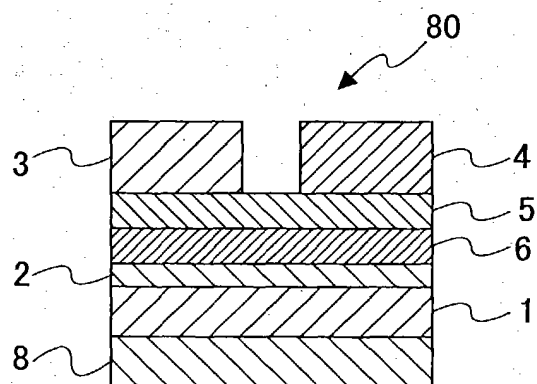
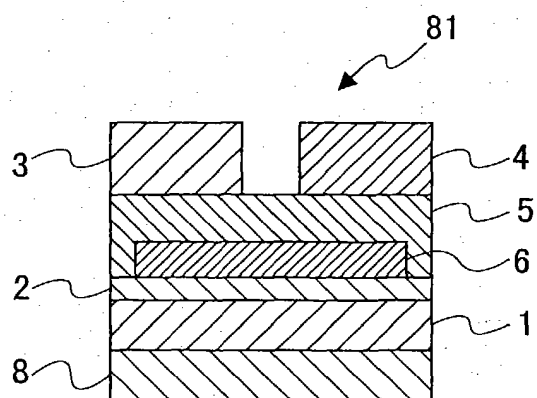


FIG.17



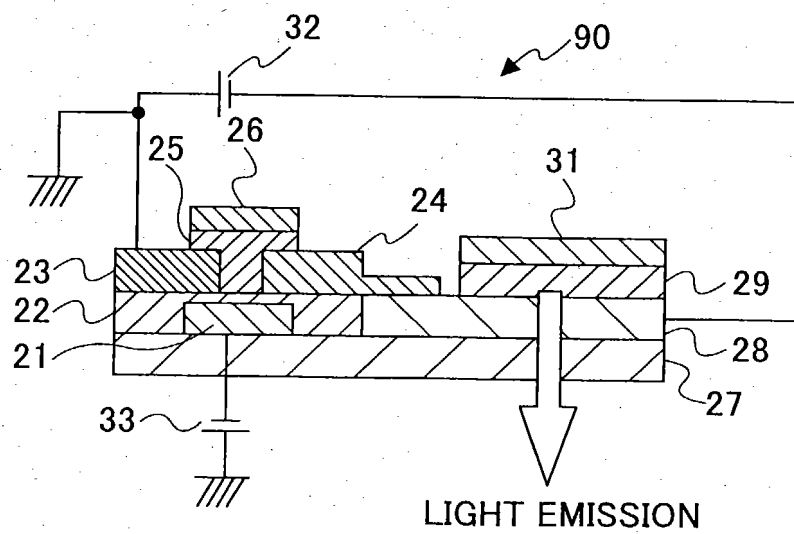


FIG.20

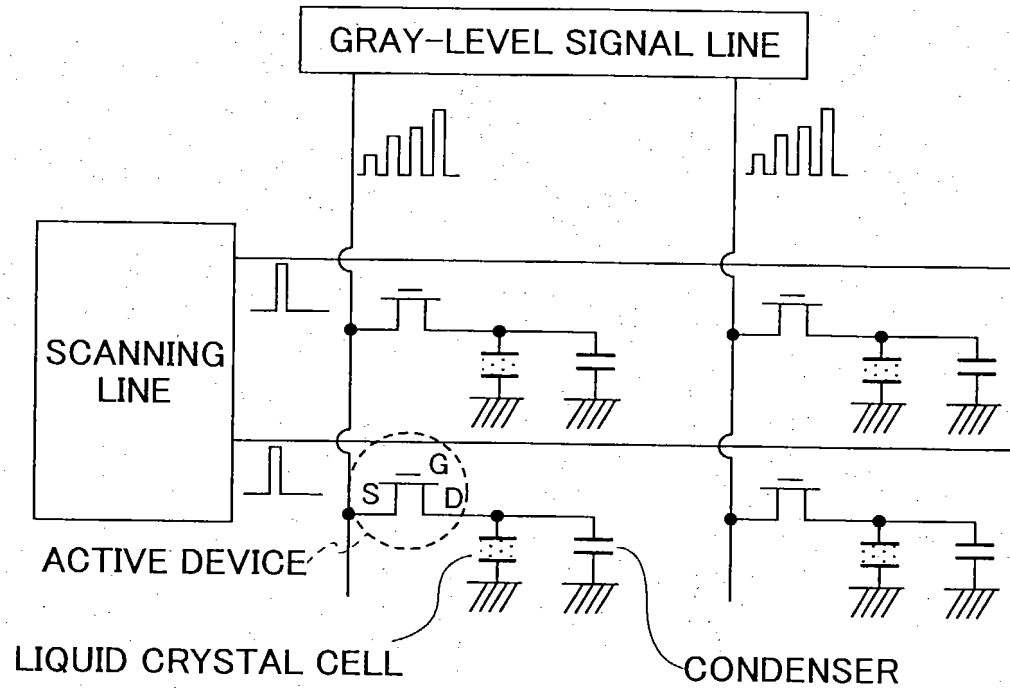


FIG.21A

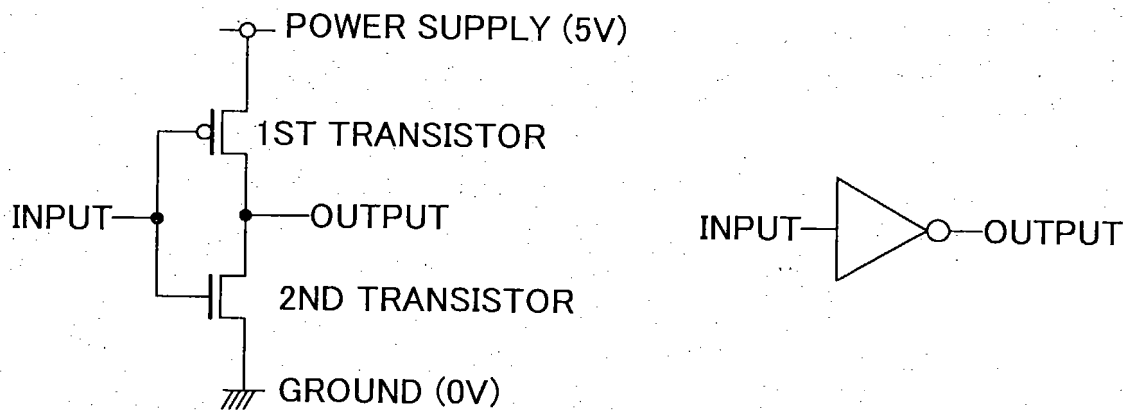


FIG.21B

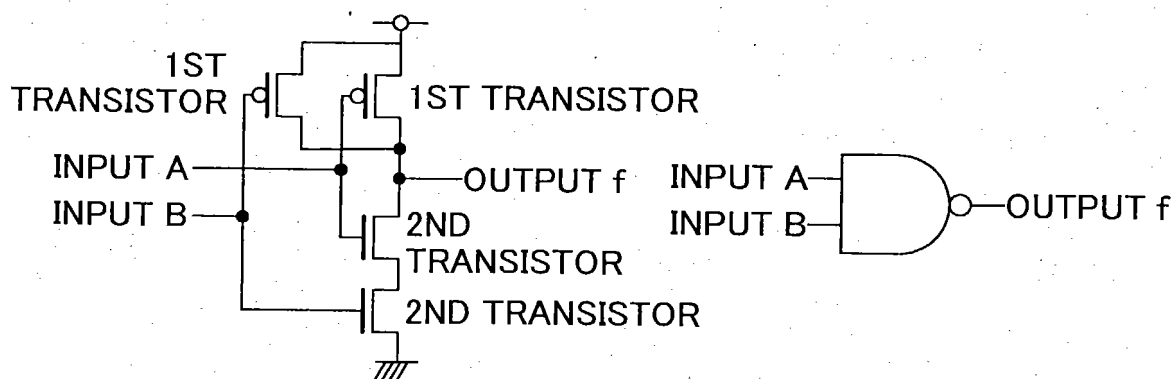


FIG.21C

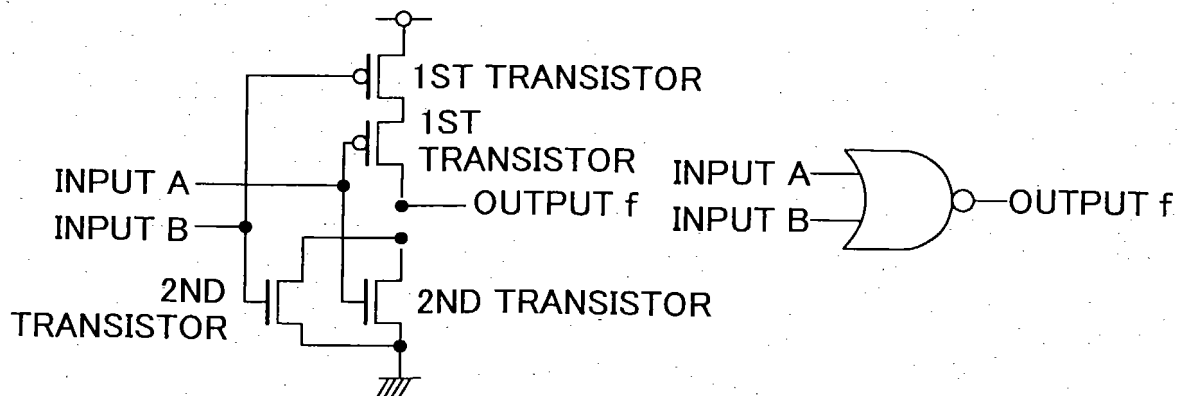


FIG.22

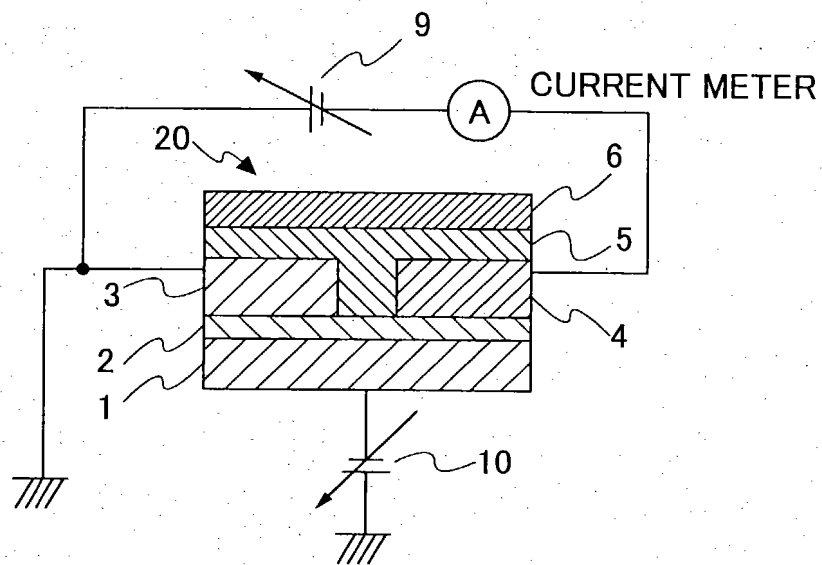


FIG.23

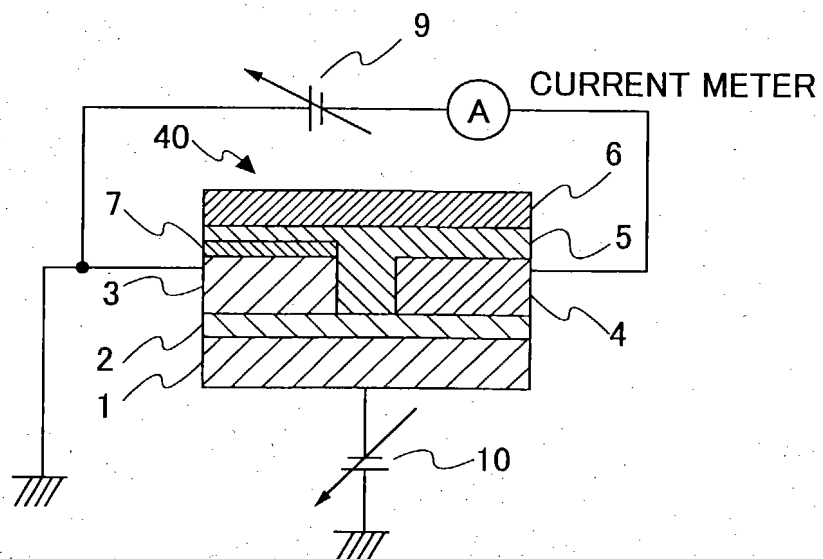


FIG.24

| | 2ND POWER SUPPLY (V) | 1ST POWER SUPPLY (V) | CURRENT (A) |
|---------------------------|-------------------------|-------------------------|------------------------|
| 1ST EXAMPLE | 0 | 0 | 6.48×10^{-10} |
| | | 2 | 1.51×10^{-4} |
| | | 4 | 2.69×10^{-4} |
| | | 8 | 4.08×10^{-4} |
| | -4 | 0 | 7.95×10^{-10} |
| | | 2 | 5.22×10^{-4} |
| | | 4 | 9.89×10^{-4} |
| | | 8 | 1.93×10^{-3} |
| | -8 | 0 | 9.17×10^{-10} |
| | | 2 | 1.06×10^{-3} |
| | | 4 | 1.80×10^{-3} |
| | | 8 | 3.83×10^{-3} |
| 2ND EXAMPLE | 0 | 0 | 1.25×10^{-9} |
| | | 2 | 2.76×10^{-4} |
| | | 4 | 5.44×10^{-4} |
| | | 8 | 9.14×10^{-4} |
| | -4 | 0 | 2.00×10^{-9} |
| | | 2 | 7.79×10^{-4} |
| | | 4 | 1.40×10^{-3} |
| | | 8 | 2.75×10^{-3} |
| | -8 | 0 | 3.31×10^{-9} |
| | | 2 | 1.48×10^{-3} |
| | | 4 | 3.16×10^{-3} |
| | | 8 | 5.70×10^{-3} |
| EXAMPLE FOR COMPARISON | 0 | 0 | 2.08×10^{-11} |
| | | 4 | 4.47×10^{-10} |
| | | 8 | 8.01×10^{-10} |
| | | 12 | 1.11×10^{-9} |
| | -8 | 0 | 5.59×10^{-11} |
| | | 4 | 1.02×10^{-9} |
| | | 8 | 1.79×10^{-9} |
| | | 12 | 2.31×10^{-9} |
| | -12 | 0 | 8.50×10^{-11} |
| | | 4 | 2.12×10^{-9} |
| | | 8 | 3.99×10^{-9} |
| | | 12 | 5.95×10^{-9} |

FIG.25

| | 2ND POWER SUPPLY | INITIAL VALUE (A) | VALUE IN 10 HRS (A) |
|-------------|------------------|-----------------------|-----------------------|
| 3RD EXAMPLE | 0V | 6.40×10^{-6} | 9.55×10^{-5} |
| | -8V | 2.34×10^{-4} | 6.01×10^{-4} |
| 4TH EXAMPLE | 0V | 8.45×10^{-7} | 1.00×10^{-6} |
| | -8V | 9.11×10^{-5} | 1.23×10^{-4} |

FIG.26

| | 2ND POWER SUPPLY (V) | 1ST POWER SUPPLY (V) | CURRENT (A) |
|-------------|----------------------|----------------------|------------------------|
| 5TH EXAMPLE | 0 | 0 | 2.34×10^{-11} |
| | | 2 | 5.75×10^{-6} |
| | | 4 | 1.01×10^{-5} |
| | | 8 | 1.96×10^{-5} |
| | -4 | 0 | 4.06×10^{-11} |
| | | 2 | 3.14×10^{-5} |
| | | 4 | 5.99×10^{-5} |
| | | 8 | 1.46×10^{-4} |
| | -8 | 0 | 5.34×10^{-11} |
| | | 2 | 7.02×10^{-5} |
| | | 4 | 2.00×10^{-4} |
| | | 8 | 4.04×10^{-4} |

FIG.27

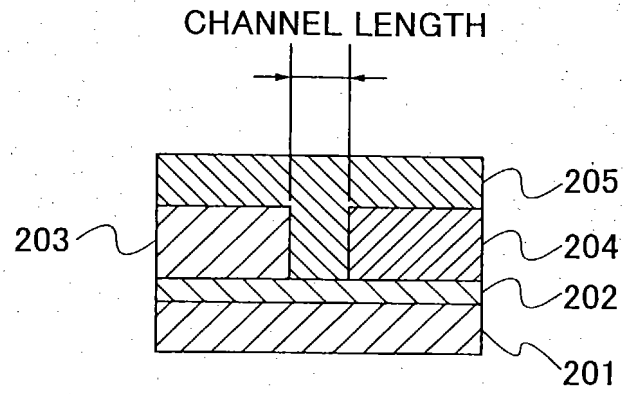


FIG.28

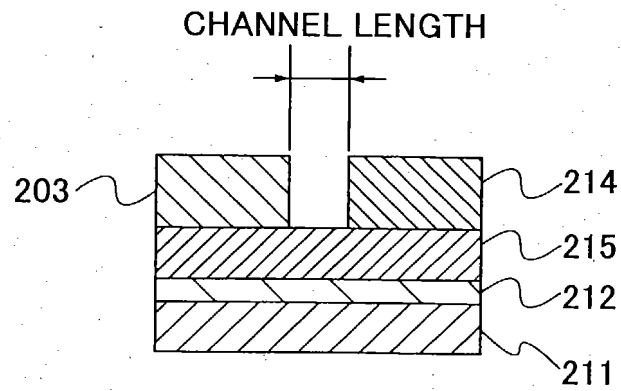


FIG.29A

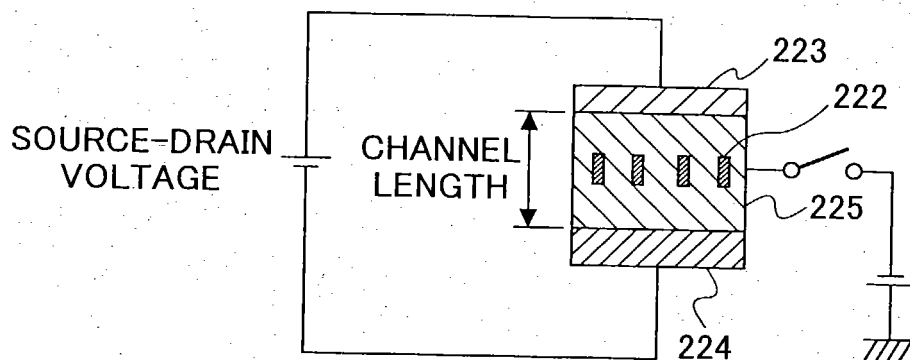


FIG.29B

